

Building a Openshift Cluster

胡尚忠 RHCI/X/A
icycofe@gmail.com

Todo list Before Openshift:

- **Docker/Podman**
- **UPI manual
Installation**
- **UPI Automatic
Installation**



Docker Resources

- <https://medium.com/unorthodox-paranoid/docker-tutorial-101-c3808b899ac6>
- <https://larrylu.blog/step-by-step-dockerize-your-app-ecd8940696f4>
- https://philipzheng.gitbook.io/docker_practice/
- <https://larrylu.blog/using-volumn-to-persist-data-in-container-a3640cc92ce4>

Redhat Resources

- https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/8/
- https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/8/html/building_running_and_managing_containers/index
- <https://www.redhat.com/sysadmin/container-security-seccomp>
- <https://www.redhat.com/sysadmin/user-namespaces-selinux-rootless-containers>
- <https://www.youtube.com/watch?v=ZgXpWKgQclc&feature=share>

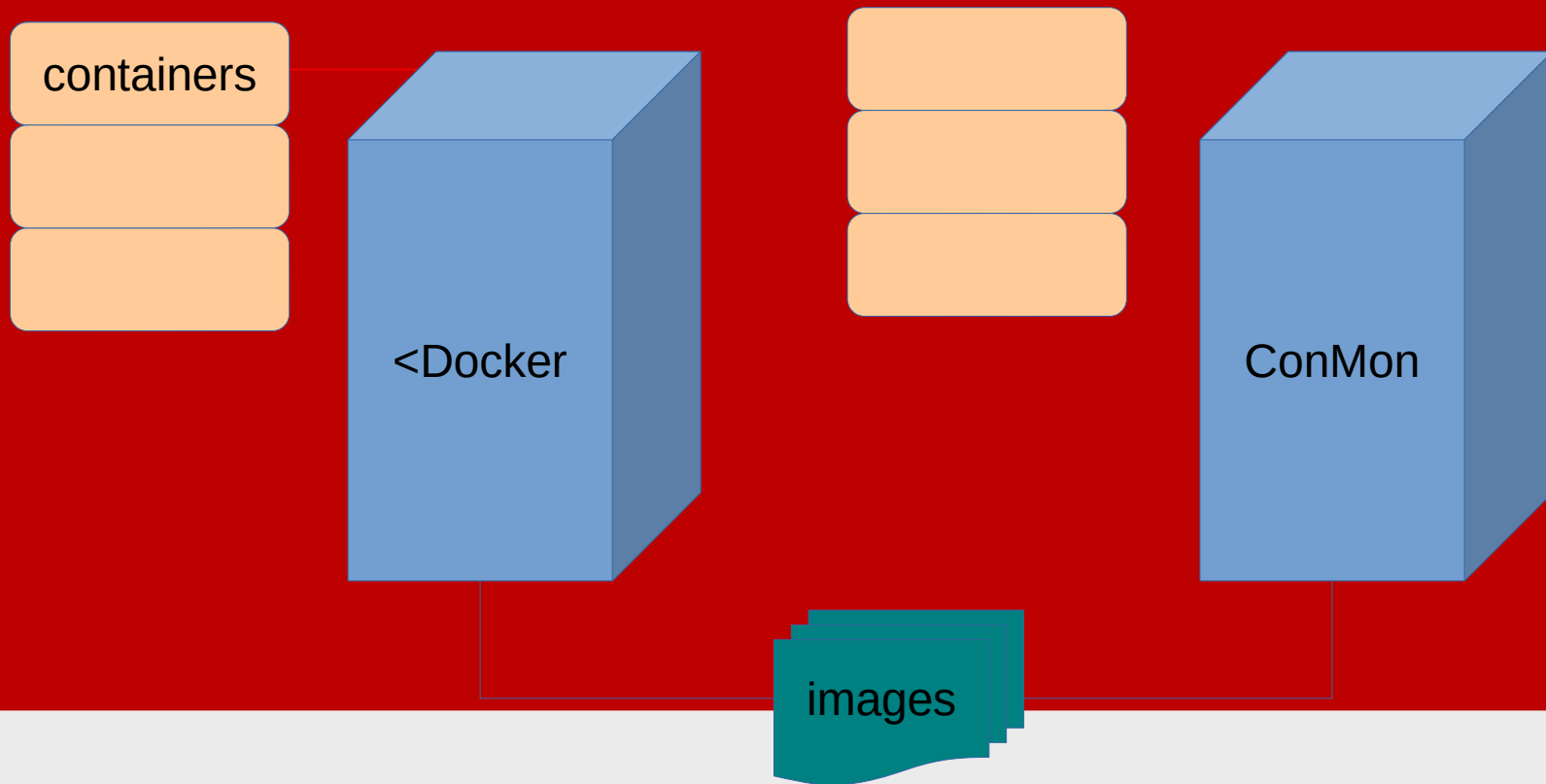
Manual Install OCP 4 Cluster

- M2 SSD is much better than SSD
- 64GB RAM
- RHEL8/CentOS8/Fedora31,32
- Manual Step by Step instruction

https://openshift4-anandpavithran.blogspot.com/2020/05/two-node-based-openshift-4x_25.html

Automatic Install OCP4 Cluster

- OpenShift 4 UPI Installation on Libvirt/KVM
<https://kxr.me/2019/08/17/openshift-4-upi-install-libvirt-kvm/>
- OCP4 Helper Node
<https://github.com/RedHatOfficial/ocp4-helpernode>



Software Defined Network

